



Mine was located in close proximity to a residential area.

Shaft was filled with 532 tons of rock.





Protecting Missouri Streams

- \$6,000,000 has been spent on three projects in the Cedar Creek Watershed, Callaway County. Prior to completion of these three Abandoned Mine Land projects in the 1980's, there were numerous fish kills that, at times, impacted the entire 44-mile stretch of Cedar Creek. Additional improvements to the water quality of Cedar Creek have been made in the last two years using passive treatment technology to treat acid mine drainage.

Cedar Creek Project (Before)



Upper Cedar Creek Project Summary 2003



- USGS preliminary report of ecological recovery indicates the stream has greatly improved
- Water quality data indicate acid mine drainage abated



Protecting Missouri Streams

- Significant improvements were also made in the Tebo Creek Watershed, Henry County, where a project reclaimed 440 acres.

Tebo Creek Project (Before)



Tebo Creek Project (After)





Additional AML Work That Will Not Get Done

- \$41 Million of Future AML Work remains
 - Expenditures for AML projects create jobs and increase property values
 - These areas are often in economically disadvantaged areas
- Old records indicate as many as 300 additional abandoned mine shafts remain to be closed
- Old, eroding highwalls continue to creep toward highways, utilities, homes and other buildings

PERCHE CREEK PROJECT , BOONE COUNTY BIDDING PHASE

Acid mine drainage
from 40 acres of
AML's flows into
Perche Creek.





A Plan For Resolution



What We Can Do With Our Current Budget And Staff

- The program can continue Metallic Minerals
- The program can continue Industrial Minerals
- The program can continue Bond Forfeiture Reclamation
- The program can continue Abandoned Mine Lands Reclamation if federally funded
- The program cannot regulate active coal mine lands



Various Options To Bring This To Resolution

- Can OSM find a way to fund AML until Missouri can recommend a legislative fix next year?
- Could Missouri DNR allow the program to conduct a minimized coal regulatory program?
- Can Missouri DNR just accept that the AML program is essentially lost?
- Missouri DNR can utilize the AML set aside fund to wrap up AML activities



Any Preferred Resolution

- OSM and MDNR will need to agree upon a plan for the future of AML
- The program staff are completely reliant upon this agreement
- The AML program should continue for the benefit of Missouri citizens
- OSM should temporarily take over the Missouri Regulatory Program until the department can return to the legislature next spring to fix this
- OSM should fund the AML program for another year to allow Missouri time to resolve this



Who Needs To Do What To Make This Happen

- OSM must find a way to provide necessary funding
- MDNR must find a way to gain the acceptance of the Missouri legislature
- The Land Reclamation Program will continue to perform the functions allowed and funded